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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Gauri et al.

Attorney Docket No.: NOVLP084

Patent: 7,074,690 B1

Issued: July 11, 2006

Title: SELECTIVE GAP-FILL PROCESS

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on March 2, 2007 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION  
OF OFFICE MISTAKE  
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Certificate of Correction

**Certificate  
MAR 13 2007  
of Correction**

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

**CLAIMS:**

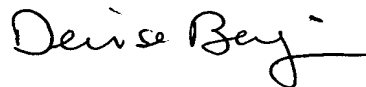
1. In line 1 of claim 36 (column 14, line 50) change "claim 12" to --claim 30--. This appears correctly in the Examiner's Amendment as mailed on February 15, 2006, on page 3, line 1, where it shows dependency of claim 12, which was renumbered as claim 30 in the patent.

**MAR 13 2007**

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NOVLP084).

Respectfully submitted,  
BEYER WEAVER LLP



Denise Bergin  
Registration No. 50,581

P.O. Box 70250  
Oakland, CA 94612-0250  
408-255-8001

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This Office action is in response to applicant's amendment received on 28 November 2005.

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Denise Bergin on 10 February 2006.

2. The application has been amended as follows:

#### **In the Claims:**

In claim 3, line 1, change the claim dependency from "claim 2" to --claim 1--;

Cancel claim 9;

In claim 10, line 1, change the claim dependency from "9" to --claim 1--;

In claim 11, line 1, change the claim dependency from "claim 9" to --claim 1--;

and

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In claim 18, line 1, change the claim dependency from "claim 11" to --claim 12--.

3. A replacement drawing sheet corresponding to Fig. 5 was received on 28 November 2005. This drawing is acceptable.

4. Claims 1, 3-8, 10-39 are allowed.

5. The following is an examiner's statement of reasons for allowance:

- Claims 1, 3, 5-7, 10-11, 20-32 are allowed because the prior art of record does not teach or suggest, in combination with the other claim limitations, a method of depositing a solid dielectric material on a substrate having gaps of dimension on the order of about 100 nm or less, that includes the step of selectively condensing a precursor of the solid dielectric material in narrow gaps where the precursor is liquefied from the vapor phase; and
- Claims 4, 8, 12-19, 33-39 are allowed because the prior art of record does not teach or suggest, in combination with the other claim limitations, a method of depositing a solid material on a substrate having gaps of dimension on the order of about 100 nm or less, that includes the step of forming a liquid corresponding to a vapor phase precursor in at least some gaps, wherein the liquid remains in the gaps when the vapor phase precursor is at a partial pressure that is below its saturation pressure.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen W. Smoot whose telephone number is 571-272-1698. The examiner can normally be reached on M-F (8:00 am to 4:30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Whitehead, Jr. can be reached on 571-272-1702. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SWS

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(Also Form PT-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,074,690 B1

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DATED : July 11, 2006

INVENTOR(S) : Gauri et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

### In the Claims:

In line 1 of claim 36 (column 14, line 50) change "claim 12" to --claim 30--.

MAILING ADDRESS OF SENDER:

PATENT NO. 7,074,690 B1

**Denise Bergin**  
BEYER WEAVER LLP  
P.O. Box 70250  
Oakland, CA 94612-0250

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